

# Index



## special characters

- . (dot) format
  - for style names, HTML J-6
- " (quotation marks)
  - for attributes in XML, HTML N-2
- # (number sign)
  - ID style names identification, HTML J-7
- <? delimiter, HTML N-4
- <!-- tags, HTML J-4

## ► A

- <A>..<</A> tag pair, HTML E-4
  - HREF attribute, HTML A-10, HTML C-8
  - TARGET attribute, HTML F-8
- about.gif file, HTML F-4
- absolute links, HTML A-11
- absolute positioning, HTML L-2, HTML L-4–5
  - using percentages, HTML L-9
- active white space, HTML G-2
- ActiveX technology, HTML N-11
- add-ons, HTML C-14
- alert dialog box, HTML H-16–17
- alert() method, HTML H-9
- aligning
  - cell contents, HTML E-2
  - text, HTML B-2, HTML B-14–15
- Alpha filter effect, HTML M-5
- Alt property
  - specifying text in floating windows with, HTML K-9
- alternate text, HTML G-14
- ampersand (&) & amp character code, HTML AP-6
- anchor tag, HTML A-10
- animated GIFs, HTML C-14–15, HTML M-11
- animation
  - creating with positioning, HTML L-2, HTML M-2, HTML M-8–9
  - 3-D, HTML M-10–11
- <APPLET> tags, HTML N-8–9
- Apply method
  - for transition filters, HTML M-12
- <AREA> tag
  - ALT attribute, HTML C-10, HTML C-11
  - COORDS attribute, HTML C-11
  - HREF attribute, HTML C-11
  - SHAPE attribute, HTML C-11
- arithmetic operators
  - manipulating variables with, HTML H-15
- attributes, HTML A-10, HTML AP-9–10
  - for <LINK> tags, HTML J-16
  - for <OBJECT> tags, HTML K-14
  - for <SCRIPT> tags, HTML H-4–5
  - XML syntax rules for, HTML N-2
- audio files, HTML C-14–15

## ► B

- back end, HTML D-14
- back() method, HTML H-9
- background color, HTML C-13
- background image, HTML E-11
- background text
  - creating with z-index property, HTML L-10–11

- bandwidth, HTML C-14
- <BASE> tag, HTML F-8
  - TARGET attribute, HTML F-8–9
- <B>..<</B> tag pair, HTML B-8–9
- blank line before and after paragraphs, HTML A-8
- blend transition filter, HTML M-12
- Blur filter effect, HTML M-5
- <BODY>..<</BODY> tag pair, HTML A-7
  - ALINK attribute, HTML B-12
  - BACKGROUND attribute, HTML C-12
  - BGCOLOR attribute, HTML C-13
  - LINK attribute, HTML B-12
  - VLINK attribute, HTML B-12
- boldface text, HTML B-2, HTML B-8, HTML B-9
- bootbg.jpg file, HTML C-12
- borders and tables, HTML E-2
- bound data
  - data binding, HTML K-14–15
  - manipulating dynamically, HTML K-16–17
- Box in transition effect, HTML M-17
- Box out transition effect, HTML M-17
- braces { }
  - in scripts, HTML H-6
- brackets [ ]
  - in scripts, HTML H-6
- broadband technologies, HTML C-3
- browser-detection script, HTML J-8–9
- <BR> tag, HTML A-8, HTML B-4, HTML B-6
- bugs
  - common causes of, HTML H-6–7
  - defined, HTML H-6
- buttons
  - deleting content with, HTML K-6–7
- <BUTTON> tags, HTML K-6–7

## ► C

- calling functions
  - with event handlers, HTML H-12
- calling named styles, HTML J-6
- caption, HTML E-4
- <CAPTION>..<</CAPTION> tag pair, HTML E-4
- cascading precedence rules, HTML J-2, HTML J-16
- Cascading Style Sheets (CSS), HTML J-1–17
  - advantages of, HTML I-4
  - browser detection with, HTML J-8–9
  - changing font color dynamically, HTML J-14–15
  - changing font sizes dynamically, HTML J-12–13
  - creating classes, HTML J-6–7
  - defined, HTML I-4
  - displaying XML data in different ways with, HTML N-13
  - embedded style sheets, HTML J-4–5
  - external style sheets, HTML J-16–17
  - showing and hiding page elements, HTML J-10–11
  - uses of, HTML J-2
- Cascading Style Sheets - Positioning (CSS-P)
  - absolute positioning with, HTML L-4–5
  - combining with scripts, HTML L-2
  - creating columns in, HTML L-2
  - creating scroll bars with, HTML L-12–13
  - cross-browser positioning, HTML L-4–5
  - defined, HTML L-2

- overlapping screen elements with, HTML L-2
- relative positioning with, HTML L-6–7
- scaling content to window size, HTML M-6–7
- case-sensitivity
  - of scripts, HTML H-6
  - of XML, HTML N-4
- cell phone, HTML G-7
- cells
  - aligning contents, HTML E-2, HTML E-14
  - border spacing, HTML E-8
  - different colored backgrounds, HTML F-14
  - dimensions, HTML E-12
  - formatting contents, HTML E-3
- CGI (Common Gateway Interface), HTML D-14
- chaining, HTML M-4
- changeTextBack function, HTML J-12, HTML J-14
- changeText function, HTML J-12, HTML J-14
- characters
  - formatting, HTML B-8–9
  - styles, HTML B-2
- checkboxes, HTML D-2, HTML D-8
  - labeling, HTML D-9
- Checkerboard across transition effect, HTML M-17
- Checkerboard down transition effect, HTML M-17
- child elements
  - in CSS-P, HTML L-4–5
  - in XML, HTML N-4–5
- Chroma filter effect, HTML M-5
- Circle in transition effect, HTML M-17
- Circle out transition effect, HTML M-17
- classes
  - creating, HTML J-6–7
  - defined, HTML J-6
- CLASSID attribute
  - for <OBJECT> tags, HTML K-14
- class style names, HTML J-6–7
- clearUp() function, HTML H-12–13
- client-side scripts, HTML I-4. *See also* scripts
- clip property, HTML L-13
- clip regions, HTML L-13
- close() method, HTML H-9
- code-borrowing etiquette, HTML I-15
- collapsible lists, HTML I-14–15
- color
  - of fonts, changing dynamically, HTML J-14–15
- color names, HTML AP-16–17
- colors
  - complementary, HTML G-2
  - differentiation not required, HTML G-14
  - hexadecimal equivalents, HTML B-12
  - hexadecimal triplets, HTML AP-11–12
  - names, HTML AP-11–12
  - text, HTML B-13
- columns, HTML E-2
  - creating with height and width properties, HTML L-9
  - creating with positioning, HTML L-2
  - sizing with percentages, HTML L-9
  - spanning, HTML E-6
- .com domain names, HTML AP-2
- comments, HTML D-4, HTML F-16
  - in scripts, HTML H-7
- comment <!-- tag, HTML D-4

conditionals  
 creating, HTML H-16–17  
 defined, HTML H-16  
 testing multiple conditions with, HTML H-17  
 construction.htm file, HTML A-10, HTML C-8  
 content. *See also* dynamic content; elements (XML); text  
 deleting dynamically, HTML K-6–7  
 entering into XML documents, HTML N-6–7  
 inserting dynamically, HTML K-4–5  
 CONTENT property  
 for transitions between pages, HTML M-16  
 countHeaders function, HTML K-4–5  
 cross-browser code, HTML J-8–9  
 error suppression in, HTML K-17  
 cross-browser positioning, HTML L-5  
 cross-platform issues, HTML G-6, HTML I-10  
 CSS (Cascading Style Sheets), HTML F-3, HTML G-9  
 custom data definitions, HTML N-1  
 custom vocabularies, in XML, HTML N-3  
 customizing  
 fonts, HTML B-12  
 hyperlinks, HTML B-12  
 linked text, HTML B-12  
 ordered list numbering, HTML B-5

## ► D

data-awareness, HTML I-2, HTML I-6  
 databases  
 linking to the Web via data binding, HTML K-14–15  
 loading and displaying records from, HTML I-6–7  
 data binding, HTML K-14–15  
 defined, HTML I-6, HTML K-2  
 HTML attributes, HTML N-11  
 manipulating bound data dynamically,  
 HTML K-16–17  
 DATAFLD attribute, HTML N-11  
 DATAFORMATAS attribute, HTML N-11  
 DATAPAGESIZE attribute, HTML N-11  
 DATASRC attribute, HTML N-11  
 for <TABLE> tags, HTML K-14  
 <DD> tag, HTML B-7  
 debugging  
 defined, HTML H-6  
 scripts, HTML H-4, HTML H-6–7  
 definition lists, HTML B-7  
 designing Web pages  
 fonts, HTML G-8  
 graphics, HTML G-10  
 locating resources, HTML G-12  
 Web pages for handheld device users, HTML G-7  
 Web-specific issues, HTML G-4  
 design principles, HTML G-2  
 DHTML. *See also* dynamic content; dynamic style;  
 positioning  
 advanced features, HTML M-1–17  
 animation, HTML M-2, HTML M-8–11  
 Cascading Style Sheets (CSS), HTML J-1–17  
 data-awareness, HTML I-2–3  
 defined, HTML I-1, HTML I-4  
 displaying XML data in different ways with,  
 HTML N-13  
 dynamic content, HTML I-2–3  
 dynamic style, HTML I-2–3  
 examples of, HTML I-6–7  
 filters, HTML M-2, HTML M-4–5  
 object model, HTML I-8–9  
 overlapping features, HTML K-3  
 overuse of dynamic features, HTML M-2  
 positioning, HTML I-2–3, HTML L-1–17

presentation effects, HTML M-2  
 researching code architecture, HTML I-14–15  
 resources, HTML I-13, HTML I-16–17  
 scaling, HTML M-6–7  
 slideshows, HTML M-14–15  
 transitions, HTML M-2, HTML M-12–13  
 transitions between pages, HTML M-16–17  
 W3C standards for, HTML I-10, HTML J-9  
 DHTML clock function, HTML K-8  
 DHTML Object Model, HTML I-8, HTML N-8  
 DHTML page design. *See also* Web page design  
 code-borrowing etiquette, HTML I-15  
 planning, HTML I-12–13  
 researching code architecture, HTML I-14–15  
 resources for, HTML I-13  
 dialog boxes  
 alert, HTML H-16–17  
 script-generated, HTML H-4–5  
 display mode  
 scaling and, HTML M-6  
 display resolution, HTML G-4  
 dividing frames, HTML F-6  
 <DIV> tags, HTML J-2, HTML J-4, HTML J-6  
 applying filters with, HTML M-4  
 <DL>..</DL> tag pair, HTML B-7  
 Document Object Model (DOM), HTML I-8–9  
 document objects  
 defined, HTML I-8  
 elements in, HTML I-8  
 methods, HTML H-9  
 Document Type Definition (DTD), HTML N-5  
 documents, putting on Web, HTML AP-2  
 DOM. *See* Document Object Model (DOM)  
 domain names, HTML AP-2  
 dot (.)  
 identifying style name with, HTML J-6  
 dot syntax, HTML H-8  
 doTrans() function, HTML M-12  
 download time, HTML C-3  
 dragging  
 images, HTML L-16–17  
 text, HTML L-16  
 drop-down lists, HTML D-10  
 Drop shadow filter effect, HTML M-5  
 <DT> tag, HTML B-7  
 DTD (Document Type Definition), HTML N-5  
 dynamic content, HTML K-1–17  
 advanced content functions, HTML K-10–11  
 data binding, HTML K-14–15  
 defined, HTML I-2, HTML K-1  
 deleting, HTML K-6–7  
 designing for, HTML I-12–13  
 examples, HTML I-6–7  
 inserting, HTML K-4–5  
 manipulating bound data, HTML K-16–17  
 modifying, HTML K-8–9  
 replacing graphics dynamically, HTML K-12–13  
 uses of, HTML K-2–3  
 Dynamic HTML. *See* DHTML  
 dynamic style. *See also* Cascading Style Sheets (CSS)  
 defined, HTML I-2  
 examples, HTML I-6–7

## ► E

editing Web pages, HTML A-8  
 element IDs  
 defining styles for, HTML J-7  
 element sets, in XML, HTML N-3

elements  
 common format, HTML G-18  
 identifier, HTML AP-6  
 positioning, HTML E-16  
 positioning with tables, HTML E-2  
 elements (page). *See* page elements  
 elements (XML)  
 adding to XML documents, HTML N-14–15  
 defined, HTML N-2  
 defining, HTML N-4–5  
 empty, HTML N-2  
 hierarchical structure of, HTML N-4–5  
 nesting, HTML N-2  
 ranking, HTML N-4  
 start and end tags, HTML N-2  
 e-mail, outgoing messages, HTML A-10  
 <EM>..</EM> tag pair, HTML B-8–9  
 embedded style  
 example, HTML J-2–3  
 uses of, HTML J-2  
 embedded style sheets  
 creating, HTML J-4–5  
 defined, HTML J-2, HTML J-4  
 instructing non-compatible browsers to ignore,  
 HTML J-4  
 emphasized text, HTML B-9  
 empty elements, HTML N-2  
 error suppression  
 for incompatible browsers, HTML K-17  
 event handlers  
 calling functions with, HTML H-12  
 creating slideshows with, HTML M-14–15  
 defined, HTML H-10  
 in JavaScript, HTML H-10–11  
 events, HTML H-10  
 expandable outlines, HTML J-10–11  
 expand function, HTML J-10–11  
 expanding table of contents, HTML I-14–15  
 eXtensible Markup Language (XML). *See* XML  
 Extensible Style Language (XSL). *See* XSL  
 external files  
 linking Web pages to, HTML I-6  
 external scripts  
 linking to, HTML H-5  
 external style  
 example, HTML J-2–3  
 uses of, HTML J-2  
 external style sheets, HTML J-16–17  
 defined, HTML J-2

## ► F

FAQ documents, HTML J-4  
 fields, HTML D-2  
 files  
 opening, HTML A-10  
 small size of, HTML G-4  
 filters. *See also* transitions  
 changing appearance of text and graphics with,  
 HTML M-4–5  
 combining, HTML M-4  
 defined, HTML M-2  
 transitions, HTML M-12–13  
 Flash animation, HTML C-14–15  
 FlipH filter effect, HTML M-5  
 FlipV filter effect, HTML M-5  
 floating windows, displaying text in, HTML K-9  
 float property, HTML L-14  
 <FONT>..</FONT> tag pair, HTML B-10, HTML E-3,  
 HTML E-16

COLOR attribute, HTML B-12–13  
 FACE attribute, HTML B-12–13  
 SIZE attribute, HTML B-12–13  
 fonts, HTML B-2  
   changing, HTML B-13  
   changing color dynamically, HTML J-14–15  
   changing size dynamically, HTML J-12–13  
   color, HTML G-8  
   complementary, HTML G-2  
   customizing, HTML B-12  
   for embedded style sheets, HTML J-4  
   limiting, HTML G-8  
   sans serif, HTML B-10  
   serif, HTML B-10  
 form objects  
   methods, HTML H-9  
 formatting  
   cell contents, HTML E-3  
   characters, HTML B-8–9  
   frame borders, HTML F-10  
   logical, HTML G-15  
   physical, HTML G-15  
   table borders, HTML E-8  
   text, HTML A-2, HTML B-1  
   text with style sheets, HTML G-9  
   XML data in HTML documents, HTML N-10–11  
 <FORM>..<</FORM> tag pair, HTML D-4  
   ACTION attribute, HTML D-15  
   ENCTYPE attribute, HTML D-15  
   METHOD attribute, HTML D-15  
   NAME attribute, HTML D-4–5  
 forms, HTML D-1  
   back end, HTML D-14  
   checkboxes, HTML D-2, HTML D-8  
   clearing user input in, function for, HTML H-12–13  
   fields, HTML D-2, HTML D-4  
   front end, HTML D-14  
   labels, HTML D-2  
   multi-line text areas, HTML D-2  
   optional fields, HTML D-3  
   order processing and confirmation, HTML D-14  
   planning, HTML D-2  
   privacy, HTML D-3  
   prompting users to fill in blank fields, HTML H-16–17  
   pull-down menus, HTML D-2, HTML D-10  
   push buttons, HTML D-2, HTML D-12  
   radio buttons, HTML D-2, HTML D-6–7  
   reset button, HTML D-12  
   script for validating, HTML H-4–5  
   scroll boxes, HTML D-2  
   single-line text box, HTML D-2  
   submit button, HTML D-12, HTML D-14  
   submitting information, HTML D-14  
   text entry fields, HTML D-4  
   verifying fields have been filled in, HTML H-16–17  
 forward() method, HTML H-9  
 fourth generation Web browsers, HTML I-10  
 frame objects, HTML I-8  
   methods, HTML H-9  
 frames, HTML F-1–2  
   alternate content, HTML F-7  
   dividing, HTML F-6  
   formatting borders, HTML F-10  
   graphic or color background, HTML F-14  
   strengths and weaknesses, HTML F-13  
   targeting links, HTML F-8  
 frameset, HTML F-6  
 <FRAMESET>..<</FRAMESET> tag pair  
   BORDER attribute, HTML F-10–11

BORDERCOLOR, HTML F-10–11  
 COLS attribute, HTML F-6–7  
 FRAMEBORDER attribute, HTML F-6–7,  
   HTML F-10–11  
 ROWS attribute, HTML F-6–7  
 <FRAME> tag, HTML F-14  
   MARGINHEIGHT attribute, HTML F-10–11  
   MARGINWIDTH attribute, HTML F-10–11  
   NAME attribute, HTML F-6–7  
   NORSIZE attribute, HTML F-10–11  
   SCROLLING attribute, HTML F-10–11  
   SRC attribute, HTML F-6–7  
 front end, HTML D-14  
 FTP (File Transfer Protocol), HTML AP-2  
 functions  
   calling with event handlers, HTML H-12  
   creating, HTML H-12–13  
   defined, HTML H-12  
   null value assigned by, HTML H-12

## ► G

gamma settings, HTML G-6  
 GIF animated images, HTML M-11  
 GIF file format, HTML C-2–3  
 global ID styles, HTML J-7  
 Glow filter effect, HTML M-5  
 Google submission form, HTML AP-4  
 graphic images  
   animated GIFs, HTML M-11  
   draggable, HTML L-16–17  
   modifying appearance of, with filters, HTML M-4–5  
   replacing dynamically, HTML K-12–13  
 graphics, HTML A-2, HTML C-1  
   alternate text, HTML G-14  
   border, HTML C-8  
   download time, HTML C-3  
   effective use of, HTML G-10  
   file formats, HTML C-2–3  
   gamma settings, HTML G-6  
   GIF file format, HTML C-2–3  
   as hyperlinks, HTML C-8  
   inserting in Web page, HTML C-4  
   JPG file format, HTML C-2–3  
   limiting, HTML G-10  
   planning usage, HTML C-2  
   PNG file format, HTML C-2–3  
   as push button, HTML D-13  
   spacing, HTML C-8  
   specifying size, HTML C-6  
   tiling, HTML C-12  
 Grayscale filter effect, HTML M-5  
 greater than (@gt) &gt character code, HTML AP-6  
 grids, HTML F-2

## ► H

<H1>..<</H1> tag pair, HTML A-9  
   ALIGN attribute, HTML B-15  
 <H2>..<</H2> tag pair, HTML A-9  
 <H3>..<</H3> tag pair, HTML A-9  
 <H4>..<</H4> tag pair, HTML A-9  
 <H5>..<</H5> tag pair, HTML A-9  
 <H6>..<</H6> tag pair, HTML A-9  
 hand-coding tags, HTML A-5  
 hang problem  
   Web browser incompatibility and, HTML I-10,  
   HTML J-9  
 header, HTML E-4  
 <HEAD>..<</HEAD> tag pair, HTML A-7  
 headings, HTML A-8–9

height property  
   animation effects using, HTML M-10  
   in CSS-P, HTML L-8–9  
 hexadecimal equivalents, HTML B-12  
 hexadecimal, HTML B-12  
 hierarchical menus, HTML I-12–13  
 hierarchical structures  
   in XML, HTML N-4–5  
 high-bandwidth Internet connections, HTML C-14  
 history objects, HTML I-8  
   methods, HTML H-9  
 home pages, limiting length, HTML G-4  
 Horizontal blinds transition effect, HTML M-17  
 horizontal navigation bar, HTML F-5  
 hot spots, HTML C-10–11  
 HTM B-1.htm file, HTML B-4  
 HTM C-1.htm file, HTML C-4  
 HTM C-2.htm file, HTML C-8  
 HTM C-3.txt file, HTML C-10  
 HTM D-1.htm file, HTML D-4  
 HTM E-1.txt file, HTML E-4  
 HTM E-2.htm file, HTML E-4  
 HTM F-1.htm file, HTML E-4  
 HTM F-2.htm file, HTML F-12  
 .htm file extension, HTML A-6  
 HTM G-1.htm file, HTML G-8  
 HTML (Hypertext Markup Language), HTML A-1–2  
   common tasks, HTML AP-8  
   dynamic (See DHTML)  
   headings, HTML A-9  
   name attribute, HTML AP-6  
   nesting tags, HTML AP-6  
   physical formatting *versus* logical formatting,  
   HTML G-15  
   quotation marks around attribute values, HTML AP-6  
   static, HTML I-2  
   tag reference, HTML AP-9–15  
   uppercase tags and attribute names, HTML AP-6  
   use of widely interpretable, HTML G-4  
   Web browsers, HTML G-6  
 HTML code, HTML A-12  
 HTML Compendium Web site, HTML AP-9  
 HTML documents, HTML A-2  
   binding XML data to, HTML N-8–9  
   body area, HTML A-7  
   changing XML data view with, HTML N-16–17  
   creation of, HTML A-6  
   displaying XML data in, HTML N-12–13  
   formatting XML data in, HTML N-10–11  
   head area, HTML A-7  
   identifying, HTML A-7  
   planning, HTML A-4  
   printing, HTML A-12  
   putting on Web, HTML AP-2  
   structuring tags, HTML A-4  
   text editors, HTML A-5  
   title, HTML A-7  
   verifying hyperlinks, HTML AP-2  
   word processors, HTML A-5  
 HTML extended character set, HTML AP-13–16  
 HTML files, HTML A-2  
 HTML tags. *See* tags  
 <HTML>..<</HTML> tag pair, HTML A-6–7  
 http-equiv property, HTML M-16  
 hyperlinks, HTML A-2, HTML A-10–11  
   absolute, HTML A-11  
   color differentiation not required, HTML G-14  
   customizing, HTML B-12  
   describing target, HTML G-16

describing Web page contents, HTML G-14  
frames, HTML F-8  
global settings, HTML F-8  
graphics, HTML C-8  
relative, HTML A-11  
testing, HTML A-4  
verifying, HTML AP-2

HyperText Markup Language. *See* HTML

## ► I

IBM-compatible PCs, HTML G-6  
ID property, HTML H-9  
ID styles  
  creating, HTML J-7  
  global, HTML J-7  
  names, HTML J-7  
<I>...</I> tag pair, HTML B-8, HTML B-9  
image maps, HTML C-10, HTML C-11  
images. *See* graphics  
<IMG> tag, HTML C-4, HTML C-8, HTML E-4, HTML E-16  
  ALIGN attribute, HTML C-4–5  
  ALT attribute, HTML C-5–7  
  BORDER attribute, HTML C-8  
  HEIGHT attribute, HTML C-5–6  
  HSPACE attribute, HTML C-8  
  SRC attribute, HTML C-4–5  
  text, HTML C-4  
  USEMAP attribute, HTML C-10  
  VSPACE attribute, HTML C-8  
  WIDTH attribute, HTML C-5–6  
improved compression, HTML C-14  
inline images. *See also* graphic images  
inline style  
  example, HTML J-2–3  
  uses of, HTML J-2  
innerHTML property, HTML K-8, HTML K-10  
<INPUT> tag, HTML D-4, HTML D-12  
  ALT attribute, HTML D-13  
  CHECKED attribute, HTML D-6–8  
  MAXLENGTH attribute, HTML D-5  
  NAME attribute, HTML D-6–7, HTML D-12  
  SIZE attribute, HTML D-4–5  
  TYPE attribute, HTML D-5, HTML D-7–8,  
    HTML D-12–13  
  VALUE attribute, HTML D-6–8, HTML D-12–13  
Internet Explorer, HTML A-4, HTML A-12  
Invert filter effect, HTML M-5  
ISO Latin-1 Character set, HTML AP-13–16  
ISPs (Internet Service Providers), HTML AP-2  
italic text, HTML B-2, HTML B-8–9

## ► J

Java applets, HTML N-8  
JavaScript. *See also* scripts  
  browser-detection script, HTML J-8–9  
  case-sensitivity of, HTML H-6  
  creating scripts using, HTML H-4–5  
  event handlers, HTML H-10–11  
  methods in, HTML H-8–9  
  objects in, HTML H-8–9  
  uses of, HTML H-3  
JavaScript object reference, AP-22–31  
JavaScript operators, HTML AP-32  
Java VM (Virtual Machine), HTML N-12  
JScript, HTML H-3  
.jpg file extension, HTML C-2  
JPG file format, HTML C-2–3  
JScript, HTML H-3

## ► K

keywords, HTML AP-4

## ► L

labels, HTML D-2  
LANGUAGE attribute  
  for <SCRIPT> tags, HTML H-4–5  
layers  
  defined, HTML L-10  
  stacking screen elements with, HTML L-10–11  
<LAYER> tags, HTML I-5  
layout tools, HTML F-2  
left property  
  animation effects using, HTML M-10  
  specifying element position with, HTML L-4–5  
less than (&lt;) &lt; character code, HTML AP-6  
Light filter effect, HTML M-5  
line break, HTML A-8  
linked style, HTML J-2. *See also* external style  
links. *See* hyperlinks  
  to external scripts, HTML H-5  
<LINK> tags  
  in external style sheets, HTML J-16  
</LI> optional tag, HTML B-4  
lists, HTML A-2, HTML B-2  
  collapsible, HTML I-14–15  
  expanding, HTML J-10–11  
<LI> tag, HTML B-4–7  
location objects  
  defined, HTML I-8  
  methods, HTML H-9

## ► M

Macintosh, HTML G-6  
main.htm file, HTML F-6  
<MAP>...</MAP> tag pair, HTML C-10–11  
  NAME attribute, HTML C-11  
Mask filter effect, HTML M-5  
menus  
  hierarchical, HTML I-12–13  
messages  
  displaying in status bar, with JavaScript event  
    handlers, HTML H-10–11  
<META> tag, HTML AP-4  
META tags  
  for interpage transitions, HTML M-16–17  
methods, HTML H-8–9  
Microsoft Internet Explorer. *See also* Web browsers  
  browser detection, HTML J-8–9  
  cycling text in, HTML K-10  
  DHTML code and, HTML I-10  
  displaying XML data in, HTML N-12–13  
  Document Object Model (DOM), HTML I-8–9  
  dynamic font size in, HTML J-12  
  filters, HTML M-4–5  
  floating windows in, HTML K-9  
  positioning in, HTML L-4–5  
  proprietary features, HTML I-5, HTML I-6  
  scaling, HTML M-6–7  
  scripting compatibilities, HTML H-3  
  transitions between pages in, HTML M-16–17  
  transitions in, HTML AP 39–41, HTML M-12–13  
Microsoft VM for Java, HTML N-12  
Microsoft XSL ActiveX control, HTML N-11  
monitors  
  gamma settings, HTML G-6  
  resolution, HTML G-4, HTML G-6  
multi-line text areas, HTML D-2

multimedia, HTML A-2, HTML C-14–15  
  alternate text, HTML G-14  
multiple conditions  
  testing, HTML H-17

## ► N

named styles, HTML J-6  
names  
  for objects, HTML H-9  
native format, HTML A-5  
navigating  
  Web pages, HTML A-10  
  Web sites, HTML F-2  
navigation bar, HTML F-2  
navigator objects, HTML I-8  
nested tables, HTML F-12  
nested XML structure, HTML N-2, HTML N-4–5  
Netscape Navigator, HTML A-4  
  browser detection, HTML J-8–9  
  customizing information printed, HTML A-12  
  DHTML code and, HTML I-10  
  Document Object Model (DOM), HTML I-8  
  dynamic font size in, HTML J-12  
  floating windows in, HTML K-9  
  graphic dimensions, HTML C-6  
  Header and Footer sections, HTML A-12  
  positioning in, HTML L-4–5  
  proprietary features, HTML I-5  
  scripting compatibilities, HTML H-3  
  scrollbars in, HTML L-14  
networks and opening files, HTML A-10  
Nielsen, Jakob, HTML G-18  
<NOFRAMES>...</NOFRAMES> tag pair, HTML F-6–7  
nomad-a.htm file, HTML A-6, HTML A-8, HTML A-10  
nomad-b.htm file, HTML B-4  
nomad-c.htm file, HTML C-4  
nomad-e.htm file, HTML E-4  
nomad-f2.htm file, HTML F-12  
Notepad, HTML A-5, HTML A-6  
null value  
  assigned by functions, HTML H-12  
number sign (#)  
  identifying ID style names with, HTML J-7

## ► O

object hierarchy, HTML I-8–9  
  dot syntax for, HTML H-8  
  in JavaScript, HTML H-8  
objects, HTML I-8  
  defined, HTML H-8  
  naming, HTML H-9  
<OBJECT> tags, HTML K-14–15  
<OL>...</OL> tag pair, HTML B-4, HTML B-5  
  START attribute, HTML B-5  
  TYPE attribute, HTML B-5  
onAbort event handler, HTML H-11  
onBlur event handler, HTML H-11  
onChange event handler, HTML H-11  
onClick event handler, HTML H-11, HTML K-6, HTML K-8  
onError event handler, HTML H-11  
onFocus event handler, HTML H-11  
onLoad event handler, HTML H-11, HTML M-8  
onMouseOut event handler, HTML H-10–11, HTML K-12  
onMouseOver event handler, HTML H-10–11, HTML J-12,  
  HTML K-12  
onSelect event handler, HTML H-11  
onSubmit event handler, HTML H-11  
onUnload event handler, HTML H-11  
opening files, HTML A-10

<OPTION> tag  
     SELECTED attribute, HTML D-11  
     VALUE attribute, HTML D-11  
 ordered lists, HTML B-2, HTML B-4–5  
 order processing and confirmation, HTML D-14  
 outerHTML property, HTML K-6  
 outlines  
     expandable, HTML J-10–11  
 overflow property, HTML L-12–13  
 overlapping screen elements  
     with positioning, HTML L-2

## ► P

page elements. *See also* elements (XML); text  
     adjusting to browser window size, HTML M-6–7  
     animating position of, HTML M-8–9  
     controlling visibility of, with clip property,  
         HTML L-13  
     customized, inserting dynamically, HTML K-4–5  
     cycling through, HTML K-10–11  
     modifying appearance of, with filters, HTML M-2,  
         HTML M-4–5  
     showing and hiding, HTML J-10–11  
     sizing manually, HTML L-8–9  
     sizing relative to parent window, HTML L-9  
     stacking, HTML L-10–11  
 page layout. *See also* DHTML page design; Web page  
     design  
     with positioning, HTML L-2  
 paragraphs  
     blank line before and after, HTML A-8  
     limiting length, HTML G-4  
 PARAM attribute  
     for <OBJECT> tags, HTML K-14  
 <PARAM> tags, HTML N-8–9  
 parent elements  
     in CSS-P, HTML L-4–5  
     in XML, HTML N-4–5  
 parentheses ( )  
     in scripts, HTML H-6  
 passive white space, HTML G-2  
 PCs, HTML G-6  
 PDAs (personal digital assistants), HTML G-7  
 percentage measurements  
     positioning and sizing using, HTML L-9  
     scaling by, HTML M-7  
 period (.)  
     identifying style name with, HTML J-6  
 physical formatting *versus* logical formatting,  
     HTML G-15  
 pipe character (|), HTML F-5  
 pixel measurements  
     positioning using, HTML L-4  
 placeholder, HTML A-10  
 plain text editor, HTML A-6  
 platforms, HTML G-6  
     cross-platform issues, HTML I-10  
 Play method  
     for transition filters, HTML M-12  
 PNG file format, HTML C-2–3  
 pointing  
     changing elements in response to, HTML K-2  
     changing graphics in response to, HTML K-12–13  
     text changes in response to, HTML J-12  
 position attribute, HTML L-2  
 positioning, HTML L-1–17  
     absolute, HTML L-2, HTML L-4–5, HTML L-9  
     advanced functions, HTML L-16–17

animation created with, HTML L-2, HTML M-2,  
     HTML M-8–9  
 columns created with, HTML L-2  
 cross-browser, HTML L-5  
 defined, HTML I-2–3, HTML L-1, HTML L-2  
 examples, HTML I-6–7  
 overlapping screen elements with, HTML L-2  
 relative, HTML L-2, HTML L-6–7, HTML L-9  
 scripted features, HTML L-2  
 scroll bars, HTML L-12–13  
 sidebars, HTML L-14–15  
 specifying dimensions with, HTML L-8–9  
 stacking screen elements with, HTML L-10–11  
 uses of, HTML L-2  
 using percentages, HTML L-9  
 using pixels, HTML L-4  
 presentation effects, HTML M-2  
 previewing Web pages, HTML A-4, HTML A-8  
 printing  
     HTML code, HTML A-12  
     HTML documents, HTML A-12  
 privacy, HTML D-3  
 prolog, HTML N-4–5  
 prompt() method, HTML H-9  
 properties, HTML H-8  
 proportion  
     in scaling, HTML M-6, HTML M-7  
 proprietary features  
     for browsers, HTML I-5  
 <P> tag, HTML A-8, HTML B-6  
     ALIGN attribute, HTML B-15  
 pull-down menus, HTML D-2, HTML D-10  
 push buttons, HTML D-2, HTML D-12–13

## ► Q

quotation marks (")  
     for attributes in XML, HTML N-2  
     in scripts, HTML H-6

## ► R

radio buttons, HTML D-2, HTML D-6  
     appearing selected, HTML D-7  
     labeling, HTML D-9  
 Random bars horizontal transition effect, HTML M-17  
 Random bars vertical transition effect, HTML M-17  
 Random dissolve transition effect, HTML M-17  
 Random transition effect, HTML M-17  
 ranking XML elements, HTML N-4  
 reCount function, HTML K-8  
 relative links, HTML A-11  
 relative positioning, HTML L-2  
     using percentages, HTML L-9  
 REL attribute  
     in <LINK> tags, HTML J-16  
 reload() method, HTML H-9  
 rendering  
     of XML data in HTML, HTML N-8  
 reset button, HTML D-12  
 reset() method, HTML H-9  
 resolution, HTML G-4, HTML G-6  
 resources for Web design, HTML G-12  
 reveal transition filter, HTML M-12–13, HTML M-17  
 rollover, HTML J-12  
 rows, HTML E-2, HTML E-4  
     spanning, HTML E-6  
 run-time activities  
     adding content, HTML K-4–5  
     defined, HTML K-2

## ► S

sans serif fonts, HTML B-10  
 Save As dialog box, HTML A-6  
 scaling, HTML M-6–7  
     maintaining proportion in, HTML M-6, HTML M-7  
     by percent, HTML M-7  
 screen elements. *See* page elements  
 screen objects, HTML I-8  
 screen resolution  
     scaling and, HTML M-6  
 scripting, HTML H-1–17  
     basics of, HTML H-2–3  
     defined, HTML H-1  
     language choice, HTML H-3  
 scriptlets, HTML H-5  
 scripts, HTML D-14. *See also* JavaScript  
     adding content at run time, HTML K-4–5  
     advantages of, HTML H-2  
     animation, HTML M-8–9  
     assigning variables, HTML H-14–15  
     browser-detection, HTML J-8–9  
     changing font color dynamically, HTML J-14–15  
     changing text size dynamically, HTML J-12–13  
     client-side, HTML I-4  
     combining with CSS -P, HTML L-2  
     comments in, HTML H-7  
     creating, HTML H-4–5  
     creating conditionals, HTML H-16–17  
     cycling through Web page elements, HTML K-10–11  
     debugging, HTML H-4, HTML H-6–7  
     defined, HTML H-1, HTML H-2, HTML I-4  
     deleting content dynamically, HTML K-6–7  
     dragging images, HTML L-16–17  
     external, HTML H-5  
     functions, HTML H-12–13  
     hiding from incompatible browsers, HTML H-4  
     JavaScript event handlers, HTML H-10–11  
     methods in, HTML H-8–9  
     modifying content dynamically, HTML K-8–9  
     noncompatible browser hang and, HTML J-9  
     paired parentheses, brackets, braces, and quotes  
         in, HTML H-6  
     properties in, HTML H-8  
     replacing graphics dynamically, HTML K-12–13  
     scaling content to window size, HTML M-6–7  
     server-side, HTML I-4  
     slideshows, HTML M-14–15  
     sorting tables, HTML K-16–17  
     typographical errors in, HTML H-6  
     for validating forms, HTML H-4–5  
 <SCRIPT> tags  
     LANGUAGE attribute for, HTML H-4–5  
     using, HTML H-3  
 scroll() method, HTML H-9  
 scroll bars  
     creating with CSS-P, HTML L-12–13  
 scroll boxes, HTML D-2  
 search engines  
     keywords, HTML AP-4  
     length of time before listing on, HTML AP-4  
     submission times, HTML AP-4  
     submitting URL to, HTML AP-2, HTML AP-4  
     XML and, HTML N-3  
 security, HTML D-3  
 <SELECT>...</SELECT> tag pair, HTML D-10  
     MULTIPLE attribute, HTML D-11  
     NAME attribute, HTML D-11  
     SIZE attribute, HTML D-11



selecting all text, HTML C-10  
 serif fonts, HTML B-10  
 server-side scripts, HTML I-4  
 SGML (Standard Generalized Markup Language), HTML AP-7  
 Shadow filter effect, HTML M-5  
 sidebars, HTML L-14–15  
 single-line text box, HTML D-2  
 sizing  
   manually, HTML L-8–9  
   using percentages, HTML L-9  
 skibar.jpg file, HTML F-16  
 slide() function  
   for animation, HTML M-8–9  
 slideshows, HTML M-14–15  
 sorting tables dynamically, HTML K-16–17  
 sound, HTML A-2  
 source HTML code, HTML A-12  
 space (&nbsp;) code, HTML G-8  
 spacing  
   in scripts, HTML H-6  
 <SPAN> tags, HTML J-2, HTML K-8–9  
   applying filters with, HTML M-4  
 spanning rows, HTML E-6  
 special characters, HTML AP-18–21  
 Split horizontal in transition effect, HTML M-17  
 Split horizontal out transition effect, HTML M-17  
 Split vertical in transition effect, HTML M-17  
 Split vertical out transition effect, HTML M-17  
 stacking screen elements, HTML L-10–11  
 status bar  
   displaying text in, with JavaScript event handlers, HTML H-10–11  
 story boarding, HTML A-4  
 Strips left down transition effect, HTML M-17  
 Strips left up transition effect, HTML M-17  
 Strips right down transition effect, HTML M-17  
 Strips right up transition effect, HTML M-17  
 <STRONG>..<</STRONG> tag pair, HTML B-8–9  
 strong text, HTML B-9  
 structural tags, HTML A-6–7  
 structures, in XML  
   defining, HTML N-4–5  
   hierarchy of, HTML N-4–5  
   nested, HTML N-2, HTML N-4–5  
   universal data structure, HTML N-1  
 structuring tables, HTML F-12, HTML F-14  
 structuring tags, HTML A-4  
 style guides, HTML G-12  
 STYLE property  
   for transitions between pages, HTML M-16  
 style sheets, HTML G-9  
   embedded, HTML J-2, HTML J-4–5  
   external, HTML J-2, HTML J-16–17  
 styles  
   assigning with Cascading Style Sheets, HTML I-4  
   calling, HTML J-6  
   cascading precedence rules, HTML J-2, HTML J-16  
   defined, HTML I-4  
   dynamic, HTML I-2–3  
   embedded, HTML J-2–3  
   external, HTML J-2–3  
   inline, HTML J-2–3  
   linked, HTML J-2  
   named, HTML J-6  
 <STYLE> tags, HTML J-4  
   in external style sheets, HTML J-16

submit button, HTML D-12  
 submit() method, HTML H-9

## ► T

table of contents  
   expanding, HTML I-14–15  
 tables, HTML A-2, HTML E-1, HTML F-1–2  
   aligning contents, HTML E-14  
   background color, HTML E-2, HTML E-10  
   background image, HTML E-2, HTML E-11  
   borders, HTML E-2  
   caption, HTML E-4  
   cells, HTML E-2  
   columns, HTML E-2  
   contents, HTML G-14  
   creating dynamically with data binding, HTML K-14–15  
   creating in XML, HTML N-10–11  
   creation of, HTML E-4–5  
   data binding, HTML K-2  
   dimensions, HTML E-2, HTML E-12  
   external, embedding, HTML I-5  
   formatting borders, HTML E-8  
   headers, HTML E-4, HTML G-14  
   modifying backgrounds, HTML E-10  
   nested, HTML F-12  
   planning, HTML E-2  
   positioning elements with, HTML E-2  
   rows, HTML E-2, HTML E-4  
   sorting dynamically, HTML K-16–17  
   spanning columns, HTML E-6  
   spanning rows, HTML E-6  
   strengths and weaknesses, HTML F-13  
   structure, HTML E-2  
   structuring, HTML F-12  
   Web browsers, HTML E-16  
 <TABLE>..<</TABLE> tag pair, HTML E-4–5  
   ALIGN attribute, HTML E-14–15  
   BACKGROUND attribute, HTML E-11  
   BGCOLOR attribute, HTML E-10  
   BORDER attribute, HTML E-8  
   CELLPADDING attribute, HTML E-12–13  
   CELLSPACING attribute, HTML E-8  
   HEIGHT attribute, HTML E-12–13  
   WIDTH attribute, HTML E-12–13  
 <TABLE> tags, HTML K-14, HTML N-10–11  
 tags, HTML A-2, HTML A-8, HTML AP-9–107  
   attributes, HTML A-10  
   hand-coding, HTML A-5  
   structural, HTML A-6–7  
   uppercase and lowercase, HTML A-6–7  
   XML syntax rules, HTML N-2–3  
 target, HTML A-10  
 <TD> tag, HTML E-4–5  
   ALIGN attribute, HTML E-14–15  
   BACKGROUND attribute, HTML E-11  
   BGCOLOR attribute, HTML E-10  
   COLSPAN attribute, HTML E-6–7  
   ROWSPAN attribute, HTML E-6–7  
 templates, HTML F-16  
 testing  
   hyperlinks, HTML A-4  
   Web pages, HTML AP-2  
 text  
   aligning, HTML B-2, HTML B-14–15  
   bold, HTML B-2, HTML B-8–9  
   changing, when user moves pointer over, HTML J-12  
   colors, HTML B-13

conciseness, HTML G-16  
 descriptive headings, HTML G-16  
 draggable, HTML L-16–17  
 emphasized, HTML B-9  
 formatting, HTML A-2, HTML B-1  
 <IMG> tag, HTML C-4  
 italic, HTML B-2, HTML B-8–9  
 modifying appearance of, with filters, HTML M-4–5  
 page-size stand-alone units, HTML G-16  
 planning formatting, HTML B-2  
 positioning with float property, HTML L-14–15  
 selecting all, HTML C-10  
 short sections, HTML G-16  
 size, HTML B-13  
 strong, HTML B-9  
 style sheets, HTML G-9  
 underlined, HTML B-2, HTML B-9  
   width of, specifying manually, HTML L-8–9  
 text editors, HTML A-5–6  
 text entry fields, HTML D-4  
 text format, HTML A-5  
 text images, HTML C-4  
 <TH> tag, HTML E-4–5  
   ALIGN attribute, HTML E-14–15  
   BACKGROUND attribute, HTML E-11  
   BGCOLOR attribute, HTML E-10  
   COLSPAN attribute, HTML E-6–7  
   ROWSPAN attribute, HTML E-6–7  
   VALIGN attribute, HTML E-14–15  
 third generation Web browsers, HTML I-10  
 3-D animation, HTML M-10–11  
 tiling, HTML C-12  
 <TITLE>..<</TITLE> tag pair, HTML A-7, HTML AP-4  
 toggle, HTML D-8  
 ToolTips, HTML K-9  
 top property  
   animation effects using, HTML M-10  
   specifying element position with, HTML L-4–5  
 tours-c.htm file, HTML C-8  
 transitions, HTML M-12–13. *See also* filters  
   defined, HTML M-2  
   between pages, HTML M-16–17  
 travel.gif file, HTML E-4  
 <TR> tag  
   ALIGN attribute, HTML E-14–15  
   BGCOLOR attribute, HTML E-10  
 tree-like hierarchical structure  
   in XML, HTML N-4–5  
 .txt file extension, HTML A-6

## ► U

<UL>..<</UL> tag pair, HTML B-6–7  
 underlined text, HTML B-2, HTML B-9  
 uniform resource locators (URLs). *See* URLs  
 universal data structure, HTML N-1  
 unordered lists, HTML B-2, HTML B-6  
 updating Web sites, HTML G-4, HTML G-18  
 URLs (uniform resource locators), HTML A-2, HTML AP-2, HTML AP-4  
 user input  
   in forms, clearing with function, HTML H-12–13  
   incorporated into Web pages, using variables, HTML H-14–15  
 users, HTML G-4  
   with disabilities, HTML G-14  
   privacy, HTML D-3  
 <U>..<</U> tag pair, HTML B-9

► **V**

values  
   assigning to variables, HTML H-14–15  
   defined, HTML H-14  
 var command, HTML H-14  
 variables  
   assigning, HTML H-14–15  
   defined, HTML H-14  
   manipulating, HTML H-15  
 verify function, HTML H-16–17  
 Vertical blinds transition effect, HTML M-17  
 vertical navigation bar, HTML E-4  
 video, HTML A-2  
 video clips, HTML C-14  
 video files, HTML C-14–15  
 vocabularies  
   in XML, HTML N-3

► **W**

W3C (World Wide Web Consortium), HTML G-6  
 Wave filter effect, HTML M-5  
 Web browsers. *See also* Microsoft Internet Explorer;  
   Netscape Navigator  
   adjusting elements to window size, HTML M-6–7  
   CSS (Cascading Style Sheets), HTML F-3  
   detection of, HTML J-8–9  
   displaying XML data in, HTML N-12–13  
   error suppression for, HTML K-17  
   fourth generation, HTML I-10  
   hanging, HTML I-10  
   HTML (Hypertext Markup Language), HTML G-6  
   ignoring embedded style sheets, HTML J-4  
   interpretation of embedded style sheets, HTML J-4  
   previewing Web pages, HTML A-4, HTML A-8  
   printing HTML pages, HTML A-12  
   proprietary features, HTML I-5  
   script-incompatible, hiding scripts from, HTML H-4  
   style sheets, HTML G-9  
   submitting form information, HTML D-14  
   tables, HTML E-16  
   third generation, HTML I-10  
   variability of, HTML I-10–11  
   Web pages, HTML G-4  
 Webcasting, HTML C-14  
 Web design articles, HTML G-12  
 Web dialog boxes. *See* dialog boxes  
 Web page design. *See* DHTML page design; Web pages;  
   Web sites  
 Web page elements. *See* page elements  
 Web pages, HTML A-2  
   accessibility, HTML G-14  
   alternate text, HTML C-6–7  
   background color, HTML C-13  
   background images, HTML C-12  
   comments, HTML D-4  
   common HTML tasks, HTML AP-8  
   compatibility with Web servers, HTML AP-2  
   content legibility, HTML G-2  
   contents, HTML A-7  
   CSS (Cascading Style Sheets), HTML F-3  
   design principles, HTML G-2  
   editing, HTML A-8  
   elements, HTML A-4  
   familiar layout, HTML G-18  
   formatting guidelines, HTML B-3  
   formatting text, HTML A-2, HTML B-1

frames, HTML F-2  
 frameset, HTML F-6  
 graphics, HTML A-2  
 grids, HTML F-2  
 handheld devices, HTML G-7  
 headings, HTML A-8–9  
 hyperlinks, HTML A-2, HTML A-10–11  
 inserting graphics, HTML C-4  
 keywords, HTML AP-4  
 layout tools, HTML F-2  
 linear format, HTML F-2  
 linking to external style sheet, HTML J-16–17  
 lists, HTML A-2  
 logically organizing contents, HTML G-14  
 minimizing download time, HTML C-3, HTML G-18  
 navigating, HTML A-10  
 navigation bar, HTML F-4–5  
 positioning elements, HTML E-16–17  
 previewing, HTML A-4, HTML A-8  
 prioritizing, HTML AP-4  
 putting on Web, HTML AP-2  
 short sections of text, HTML G-16  
 sound, HTML A-2  
 structuring tables, HTML F-12  
 style guides, HTML G-12  
 style matching message, HTML G-2  
 tables, HTML A-2, HTML F-2  
 target, HTML A-10  
 templates, HTML F-16  
 testing, HTML AP-2  
 testing hyperlinks, HTML A-4  
 two-tones background, HTML F-14  
 users with disabilities, HTML G-14  
 video, HTML A-2  
 Web browsers, HTML G-4  
 Web-specific design issues, HTML G-4  
 white space, HTML G-2  
 width and height, HTML G-4  
 writing guidelines, HTML G-16  
 Web servers, HTML AP-2  
 Web sites, HTML A-10  
   absolute links, HTML A-11  
   accessible content, HTML G-4  
   addresses, HTML A-2  
   copying design from, HTML G-12  
   cross-platform issues, HTML G-6  
   free space on, HTML AP-2  
   high priority, HTML AP-4  
   increasing traffic, HTML AP-4  
   keywords, HTML AP-4  
   navigating, HTML F-2  
   navigation bar, HTML F-2  
   new technology, HTML G-18  
   obvious content, HTML G-4  
   relative links, HTML A-11  
   style guides, HTML G-12  
   submitting URL to search engines, HTML AP-4  
   testing design, HTML G-18  
   unified appearance, HTML F-2  
   updating, HTML G-4, HTML G-18  
   Web design articles, HTML G-12  
   Web users, HTML G-4  
 WebTV, HTML G-7  
 welcome.jpg file, HTML F-16  
 well-formed documents  
   in XML, HTML N-2

white space, HTML G-2  
 width property  
   animation effects using, HTML M-10  
   in CSS-P, HTML L-8–9  
 window objects  
   methods, HTML H-9  
 Wipe down transition effect, HTML M-17  
 Wipe left transition effect, HTML M-17  
 Wipe right transition effect, HTML M-17  
 Wipe up transition effect, HTML M-17  
 WordPad, HTML A-5–6  
 word processors  
   native format, HTML A-5  
   Save as HTML command, HTML A-6  
   text format, HTML A-5  
 World Wide Web, HTML AP-2  
 World Wide Web Consortium (W3C), HTML I-10, HTML J-9  
 World Wide Web Consortium Web site, HTML AP-9  
 write() method, HTML H-9  
 writeln() method, HTML H-9  
 writing guidelines, HTML G-16

► **X**

XHTML (Extensible Hypertext Markup Language),  
   HTML AP-6  
 XML (Extensible Markup Language), HTML AP-7  
 XML, HTML N-1–17  
   benefits of, HTML N-3  
   binding XML data to HTML, HTML N-8–9  
   case-sensitivity of, HTML N-4  
   changing XML data view with HTML, HTML N-16–17  
   custom data definitions, HTML N-1  
   defined, HTML N-2  
   defining elements in, HTML N-4–5  
   defining structures in, HTML N-4–5  
   displaying XML data with HTML, HTML N-12–13  
   Document Type Definitions (DTD) for, HTML N-5  
   entering XML data, HTML N-6–7  
   formatting XML data with HTML, HTML N-10–11  
   HTML vs., HTML N-2  
   modifying an XML document, HTML N-14–15  
   syntax rules for, HTML N-2–3, HTML N-12–13  
   universal data structure, HTML N-1  
   uses of, HTML N-2  
   well-formed documents in, HTML N-2  
 XML-compliant browsers  
   binding XML data to HTML documents, HTML N-8–9  
 XML data  
   binding to HTML, HTML N-8–9  
   displaying in different ways, HTML N-13  
   displaying with HTML, HTML N-12–13  
   entering, HTML N-6–7  
   formatting with HTML, HTML N-10–11  
   formatting with XSL, HTML N-11  
 XML declaration, HTML N-4–5  
 XML DSO, HTML N-8  
 .xml extension, HTML N-2  
 XML parsers, HTML N-8  
 XML prefix, HTML N-4  
 XML schemas, HTML N-5  
 XRay filter effect, HTML M-5  
 XSL  
   formatting XML data with, HTML N-11

► **Z**

z-index property, HTML L-10–11